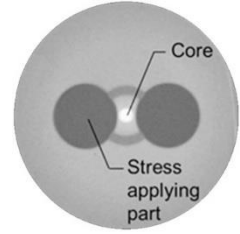


PANDA Fiber 1550 nm band bend insensitive PANDA (Bending radius 5 mm)

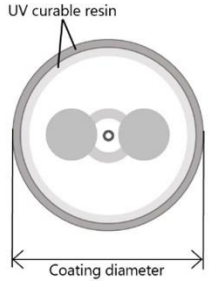
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have a universal quality with not only low polarization crosstalk and low attenuation but also the broad suitability for fusion splice or optical connector.



Features

- Suitable for 1550 nm band
- Small bending radius (R5 mm)
- Low polarization crosstalk and low attenuation
- RoHS compliant

Specifications

	BIR5-15-PX-U25D
Wavelength band	1550 nm band
Mode field diameter (μm)	9.0 ± 0.4 @ 1550 nm
Concentricity error (μm)	≤ 0.5
Cladding diameter(Major diameter) (μm)	125 ± 1
Attenuation (dB/km)	≤ 3.0 @ 1550 nm
Cutoff wavelength (nm)	≤ 1500
Bending attenuation (dB, Φ10 mm × 10 turns)	≤ 0.1 @ 1550 nm
Bending polarization crosstalk (dB, Φ10 mm×10 turns)	≤ -30 @ 1550 nm
Beat length (mm)	≤ 3.0 @ 1550 nm
Minimum bending radius	2 % proof test level: R5 mm
Coating material	UV curable resin
Coating diameter (μm)	245 ± 15
Cross-section image	 <p>A detailed cross-section diagram of the PANDA fiber. It shows the core, cladding, and two stress-applying parts. The entire fiber is surrounded by a layer of UV curable resin. A dimension line at the bottom indicates the 'Coating diameter'.</p>



Contact us